



Professional Development

iMovie '09 Step Guide



Getting Started with iMovie

iMovie is the software in iLife that is used to import and edit video from a video camera. It's also possible to import images (still) from iPhoto to include in a movie. iMovie allows the user to add titles, transitions, special effects, narration and music. Music can be added directly from iTunes as well. A finished movie project can be sent to GarageBand or iWeb or exported as a QuickTime movie.

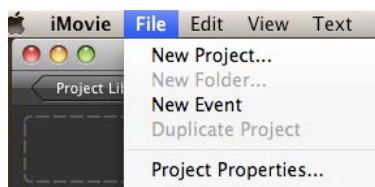
Opening iMovie

Click the iMovie icon in the Dock

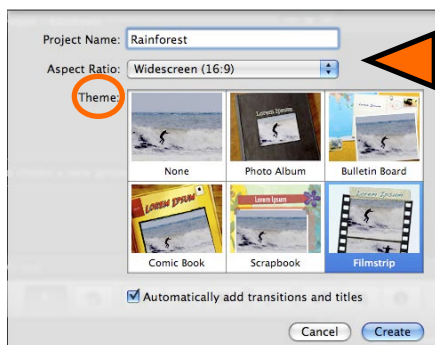


Select New Project from the File menu.

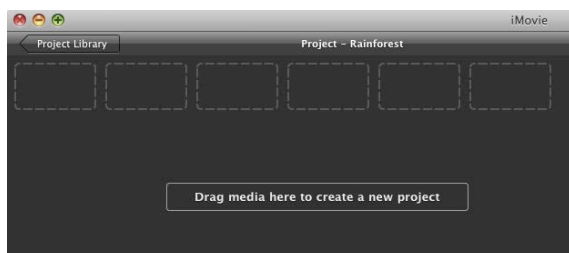
Give it a name, such as Rainforest



Choose the Aspect Ratio from the pop-up menu, and any theme you would like.



A new project window opens.





Importing Video From a Camcorder

Set the camcorder to VTR mode (some camcorders call this Play or VCR) and turn it on, Connect your camcorder to your computer using a FireWire cable if you camcorder is firewire. Both your computer and your camcorder have built-in FireWire ports. You need a 6-pin to 4-pin FireWire cable or Firewire 800 call. Note: Some camcorder manufacturers refer to FireWire as iLink or IEEE 1394.

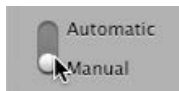
You can also connect your camera using the USB cable.



Click on the camera icon in the toolbar in the middle of the screen.

The Video window opens

Choose camera from the pop up menu. If Automatic is selected then the computer will rewind the camera and then you can import.

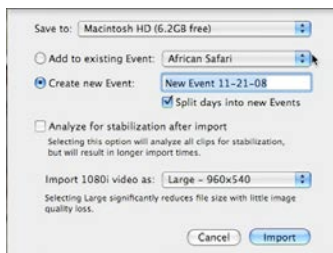


Manual will allow you to control the import.

Choose import.

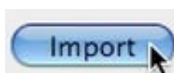


The import window opens. Choose Create new event. Name the event, then choose import.



If the footage is really shaky check Analyze for stabilization. However, be aware this will dramatically slow down the import process. You may wish to stabilize later after you have edited the pieces you will use.

Choose Import.





Working with Clips

The following diagram shows an iMovie project that has been imported from a camera and is ready to edit. Notice the individual clips on the “Event Library” on the bottom of the screen.



Selecting and Organizing Clips

Skim the clips by moving the mouse over the clips in the Event Library.

Choose the first clip for the movie. You do not have to use the entire filmstrip, just the parts you like.

To select the part of the clip you want to use click the mouse at the beginning of the clip, drag the mouse to select the part of the clip you want. Click the spacebar to preview that clip.



Drag the selected clip to the Project window above the Event Library. Continue this process to edit and organize the clips in the order you want them played in the video.

Advanced Editing



Trimming edits between video

To see a magnified view of your footage so that you can be certain two clips fit together, choose the second clip. Click on the gear icon at the start of the clip. A menu pops up. From the menu select the Precision Editor.

The Precision Editor appears below. This magnified view allows for precise editing.



To make precise edit move the click.

mouse to where you want the split to appear, then

Do the same for the second clip. iMovie makes a new edit point. When you have the precise edits you want, check your sound to make sure that is what you want. Choose the sound icon.

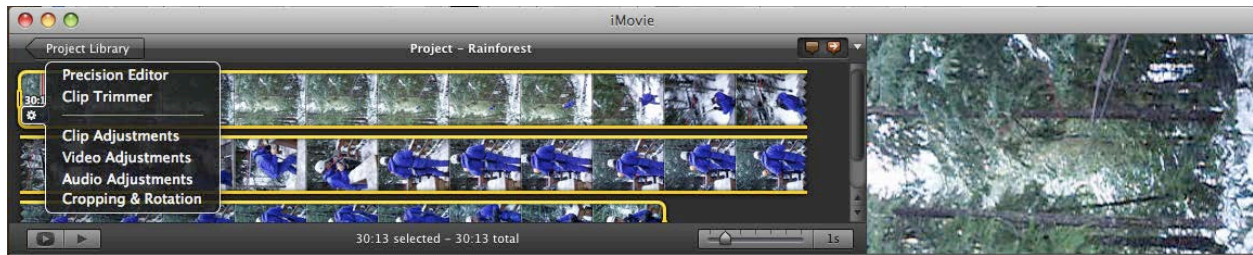


Select the parts of the sound you want by sliding the blue bar. Then click Done.

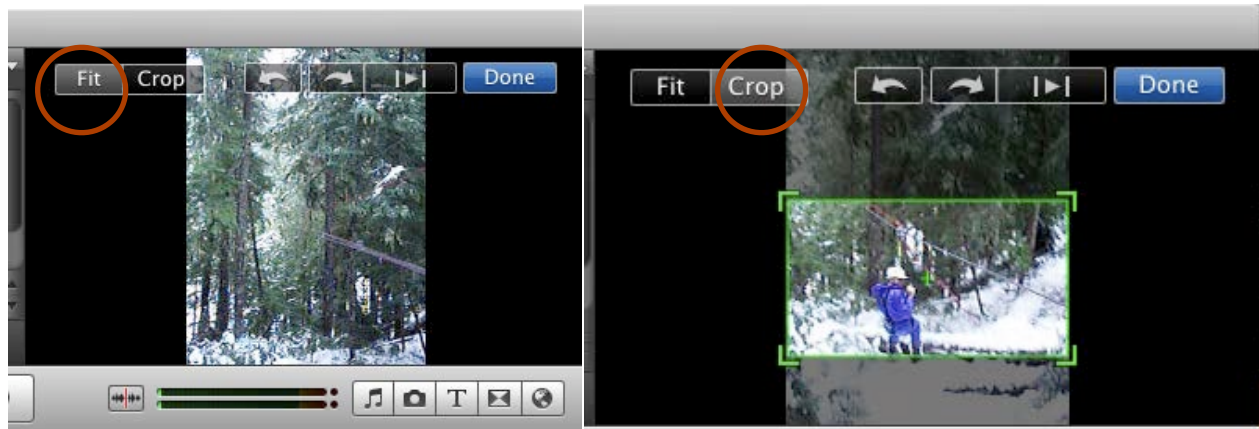


Cropping and Rotating Video

If your video was shot sideways on the camera you can now rotate that footage. Select the clip you want to rotate. Click the wheel icon and choose Cropping & Rotation from the pop up menu.

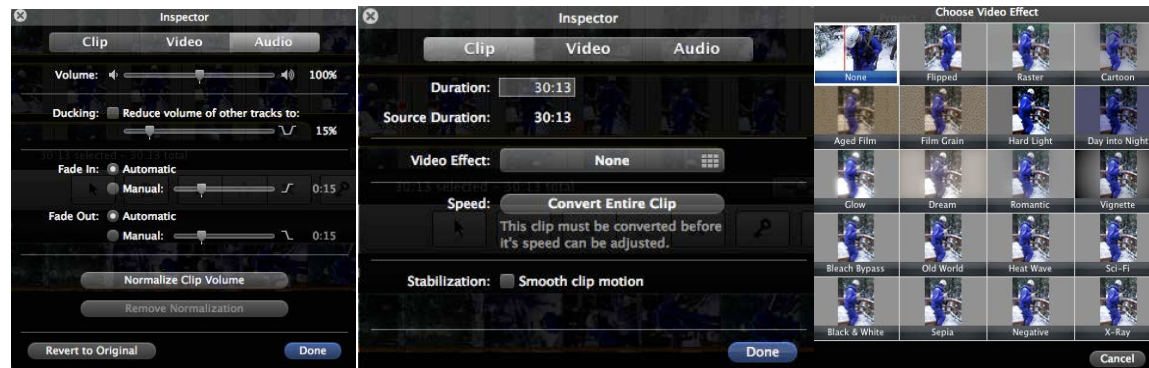


The footage appears in the viewer. Select the arrow icons and continually click them until the footage is the correct direction. Choose Fit if you want the whole shot to appear. Choose Crop and place the green box where over what you want to be show, then choose Done.



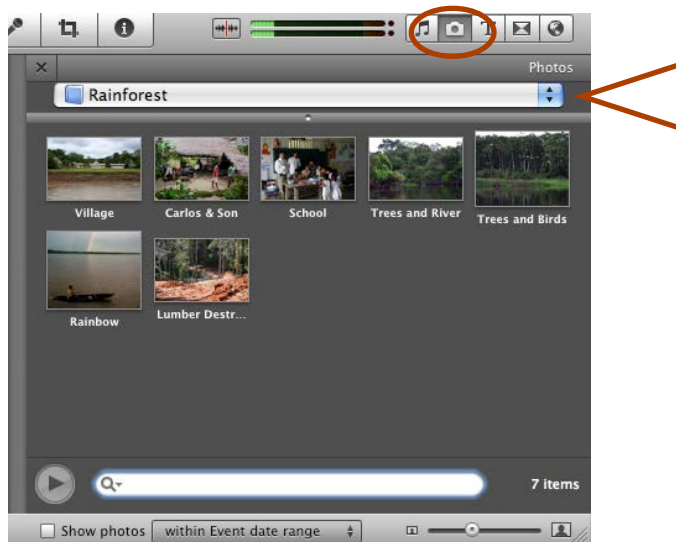
Clip, Video and Audio Adjustments

The clip, the video or the audio is adjusted by clicking the gear icon, and the item you want to adjust. Audio will allow you to adjust the volume of the selected clip. Video allows you to adjust the exposure of the video. Clip allows you to adjust the speed of the clip and the effect you want on the clip. If you want to do this, choose Clip, then Video effect. Then choose the effect you desire.



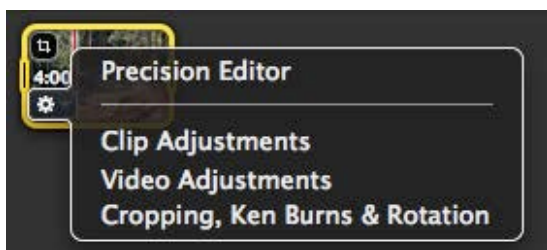
Adding Still Pictures

Choose the Camera icon on the toolbar in the middle of the screen. Locate the event or album with your images.



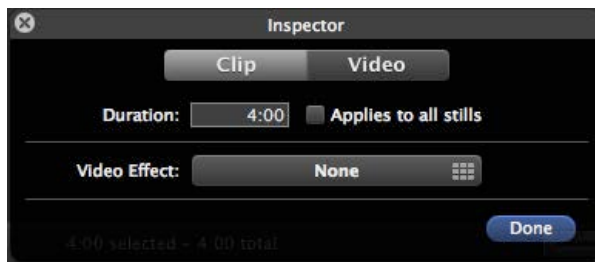
When you find the photo you want, drag the photo to your Project. iMovie will automatically play the image for 4 seconds and use the Ken Burns effect. You can change these settings.

If you want your clip to stay on longer, click on the clip in the project and choose Clip adjustments.





The inspector opens. In the inspector change the duration to the length of time you want the image displayed. You can also change the Video effect. Then choose Done.

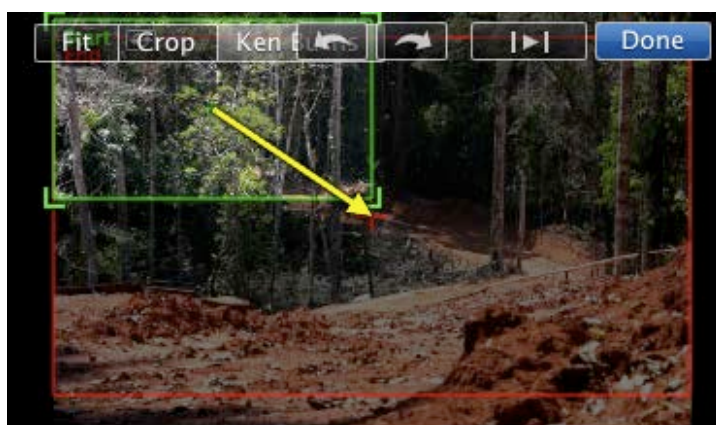


Editing and Cropping Images in iMovie

You can edit images right in iMovie. To do this double click the edit icon in the top left corner of the picture.



The two rectangles are the Ken Burns effect. Place the green rectangle where you want the clip to start the scan and the red where you want it to end. Then click done.



To turn off the Ken Burns effect click Fit.

To crop the image choose Crop. Then click the green select rectangle to fit the part of the screen you want to see. Then choose Done.

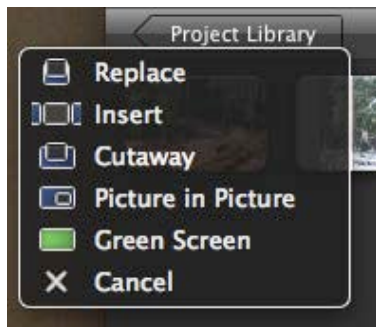
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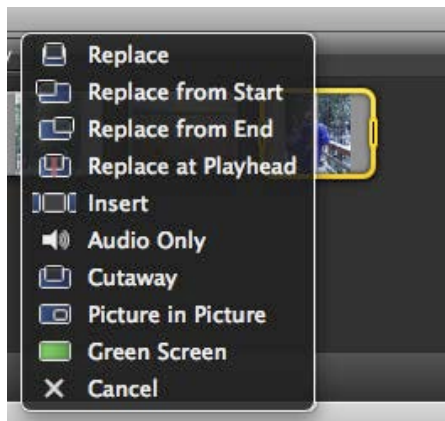
Advanced Effects with Still Images and Video

You can do many advance editing effects with images and video, such as cutaways, picture in picture, audio only, etc.

To add an image to be shown during a part of the video you use the cut away effect. To do this drag the image from the media browser on top of the video where you want the effect. From the pop-up menu choose Cutaway.

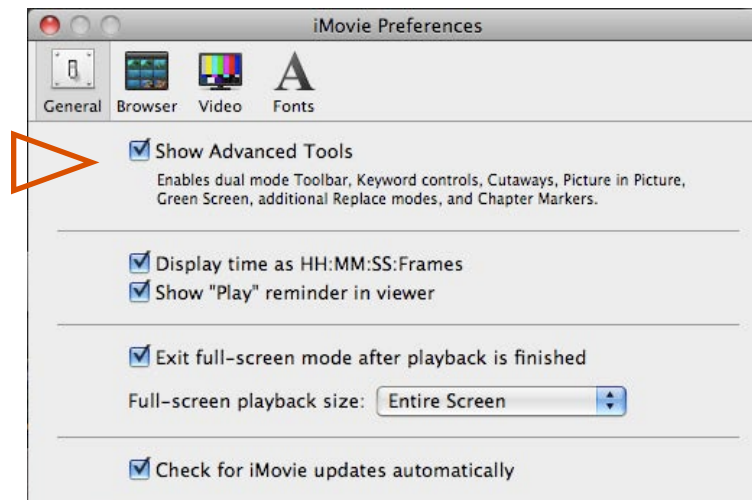


If you add video from the Event library to video in the Project you will have these effect available to you.



If you do not see these effect options, and you are using iMovie '09 check your Preferences from the iMovie menu.

To see these options Show Advanced Tools needs to be selected.



Using green-screen effects to superimpose video

You can record video in front of a green backdrop, and then electronically “cut out” the subject and place that clip into another video clip. This is called a “green-screen” effect.

For example, you could record a friend acting scared in front of a green backdrop, and then place that video into a video clip showing an angry bear, so that your friend appears to be standing next to the bear.

You can also place green-screen video into animated map clips, solid color clips, or animated background clips.

To use green-screen effects to superimpose video

Record video in front of a solid green backdrop, and then import it into iMovie.

When you record, for best results do the following:

- Use a pure (highly saturated) color of green for the backdrop.
The best color of green to use is often called “chroma key green” in paint and cloth.
- Make sure the subject doesn’t have any green clothing, and don’t include anything green in the shot, other than the backdrop.
- If possible, use multiple lighting sources to eliminate shadows on the subject being recorded.
- Include a moment at the end of the recording with the subject out of the frame.
This indicates to iMovie what should be left out when the video is superimposed.

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Choose iMovie > Preferences, click General, and then make sure Show Advanced Tools is selected.

In the Event Browser, select video that you recorded in front of the green backdrop.

Drag the selection to a clip in your project, and then click Green Screen.

You can also drag the green-screen clip over a solid color or animated background clip in your project. You could, for example, place the green-screen clip in an Underwater animated background clip for a simulated undersea video.

The green-screen clip appears with a green border around it above the video clip in your project. You can drag it to a different spot to reposition it, or drag the ends to lengthen or shorten it.



To more effectively mask areas of the green-screen clip, select the clip in your project, select Cropped, and then drag the handles at the top of the viewer to more tightly enclose the subject of the video.

Anything outside the highlighted area in the green-screen clip is removed from the picture. Be sure not to crop out areas that the subject moves into at any point during the green-screen clip.

To produce a better-quality effect, double-click the green-screen clip in your project to open the inspector, then select "Subtract last frame." iMovie uses information in the last frame to determine what to subtract from the finished clip.

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Selecting “Subtract last frame” works only if you included a moment at the end of the green-screen footage with the subject completely out of the frame.

To watch the clip, click the Play Clip button in the viewer.

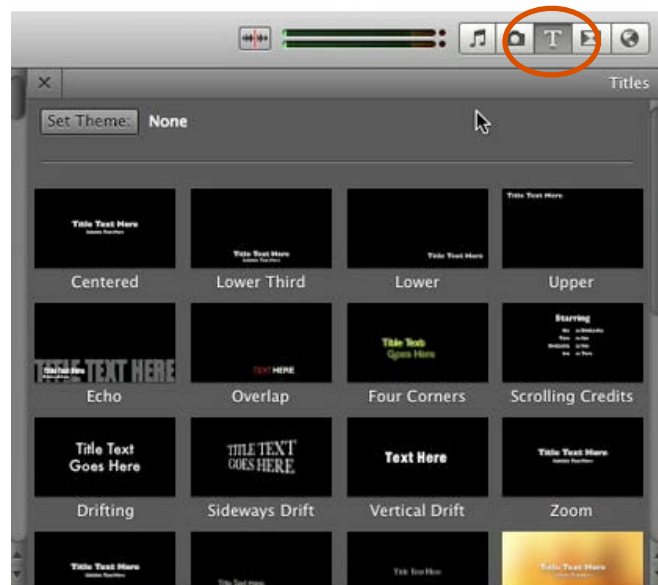
Sound from both the original clip and the green-screen clip play simultaneously. You can reduce the sound from either clip, so that sound from the other clip stands out.

You can edit green-screen clips the same way you edit standard clips in your projects. For example, you can trim them using the Clip Trimmer, adjust their audio and video, crop them, and add a video effect, and you can reposition or trim them in the Precision Editor.

Adding Titles to Your Movie

Titles can be added over a video or on a separate slide.

To add a title click the titles button.

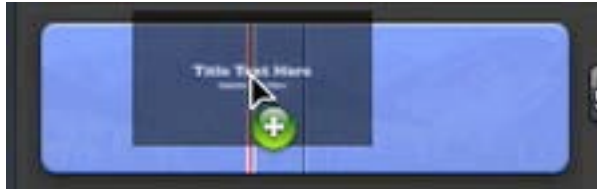


When you hold your mouse over the title you will see a preview of the way the text will move on the screen. Once you find the style you like drag it over the video or still image clip in the project.

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As you drag the blue highlights the part of the video you will cover. This will cover the entire clip.



If you drag it in front of the clip a green bar appears. This will place the title over one of these options for a background, rather than the video or image.



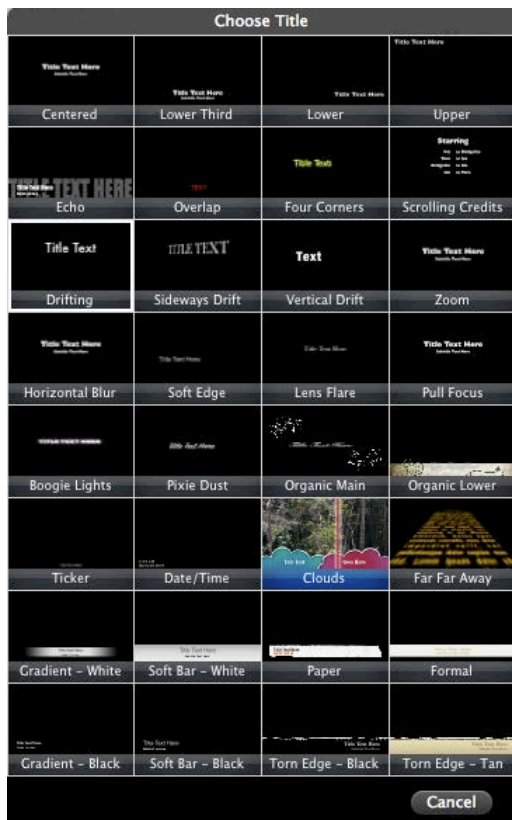
When you choose done, or let go of the mouse button if you are placing the text over video or a still image, a blue bar appears.



To change the place holder text to your own, select it in the view. Click on the text and change it to your own. Choose Show Fonts to change the font style and color.



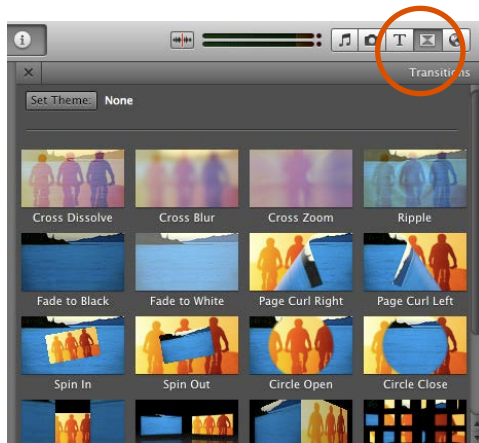
To see how any title would look click on the blue bar that says Title text here. The inspector appears. Click the bar in the middle of the inspector that has the title type you chose. All the title types appear. Drag over the title types to see a preview over your image or footage.





Adding Transitions between Video Clips.

To add a transition between titles, pictures or video clips, click the transitions button. The transition types appear.



When you find the one you want to use click and drag it between the two images in the Project window.



To edit the style of the transition, or to change the duration of the transition, click the gear icon on the transition. The inspector opens. Make the changes desired.

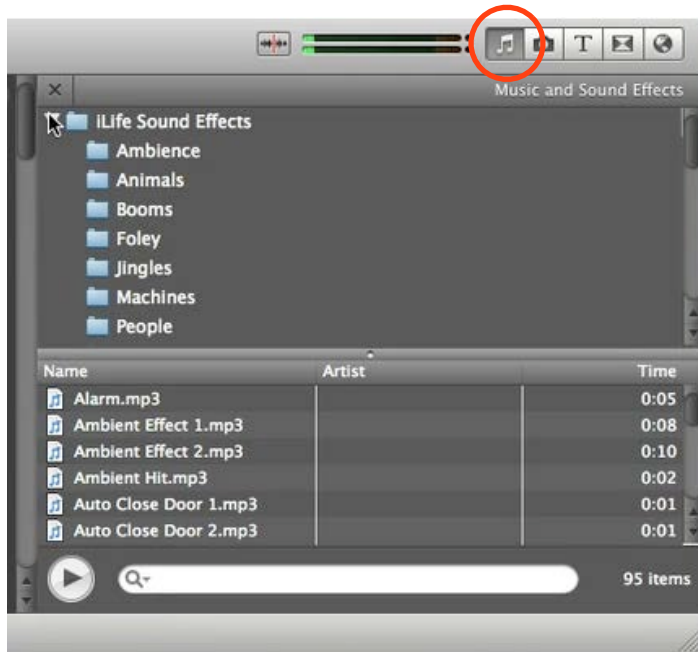


Adding Sounds in iMovie

You can add sound effects, music background or voice over easily in iMovie.

Many sound effect are build into iMovie

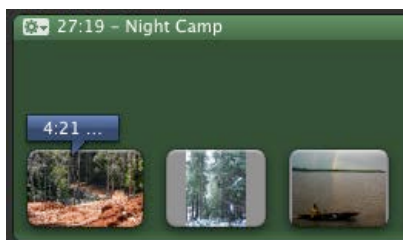
Click the Sound icon then choose sound effects.



Drag the sound effect you want to the Project window placing it in the desired location on top of the image or video. A green bar appears below the footage.



If the whole background turned green then you placed the sound as background sound (edit undo will let you try again). Background Sound looks like this.



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To edit the sound level of the video click the gear and then chose Audio.

To adjust the length of a sound clip click the the end of the green bar and drag to the desired length. Click on the green bar will allow you to drag the bar and start the sound wherever you would like.

Adding Voice Over

You can add our commentary to any part of your movie.

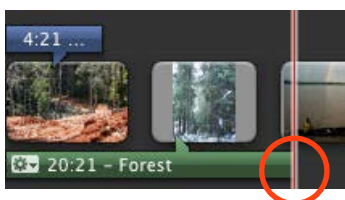


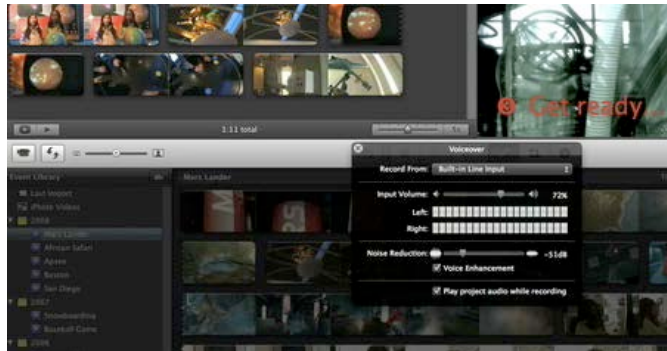
To get started click the voice over icon then choose record from the built-in microphone. (if you have an external microphone choose External from the pop-up menu and plug in your USB microphone.



It is best to plug in headphones so you can hear the video as you record and then it will not record the sound of the video. Choose Play project audio while recording.

Click the part of the clip where you want to start recording in the Project window. Wait for the count down then start recording. Once you are finished press the Spacebar.



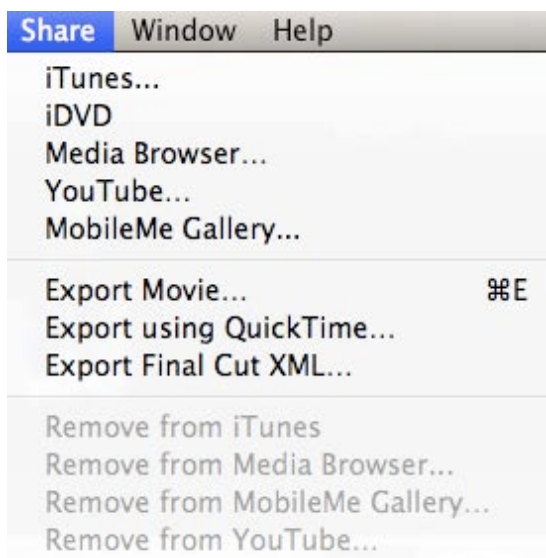


A purple marker shows your voice over. You can drag the purple marker to anywhere in the video. To delete the recording click on the purple bar recording and press delete.



Saving and Exporting

iMovie automatically saves your movie as you are working. When you are done you can export your movie as a to your Mobile Me account, to YouTube, to iDVD, Final Cut XML or as a QuickTime movie. These options can be selected from the Share menu.



Apple Professional Development



If you want to place your movie in Keynote choose export movie using Medium.

